

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: STREETWORKS

Report Number: P722055

Luminaire Tested: **IFLD-S-SA3E-735-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722055  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3E-735-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (48) 3500K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

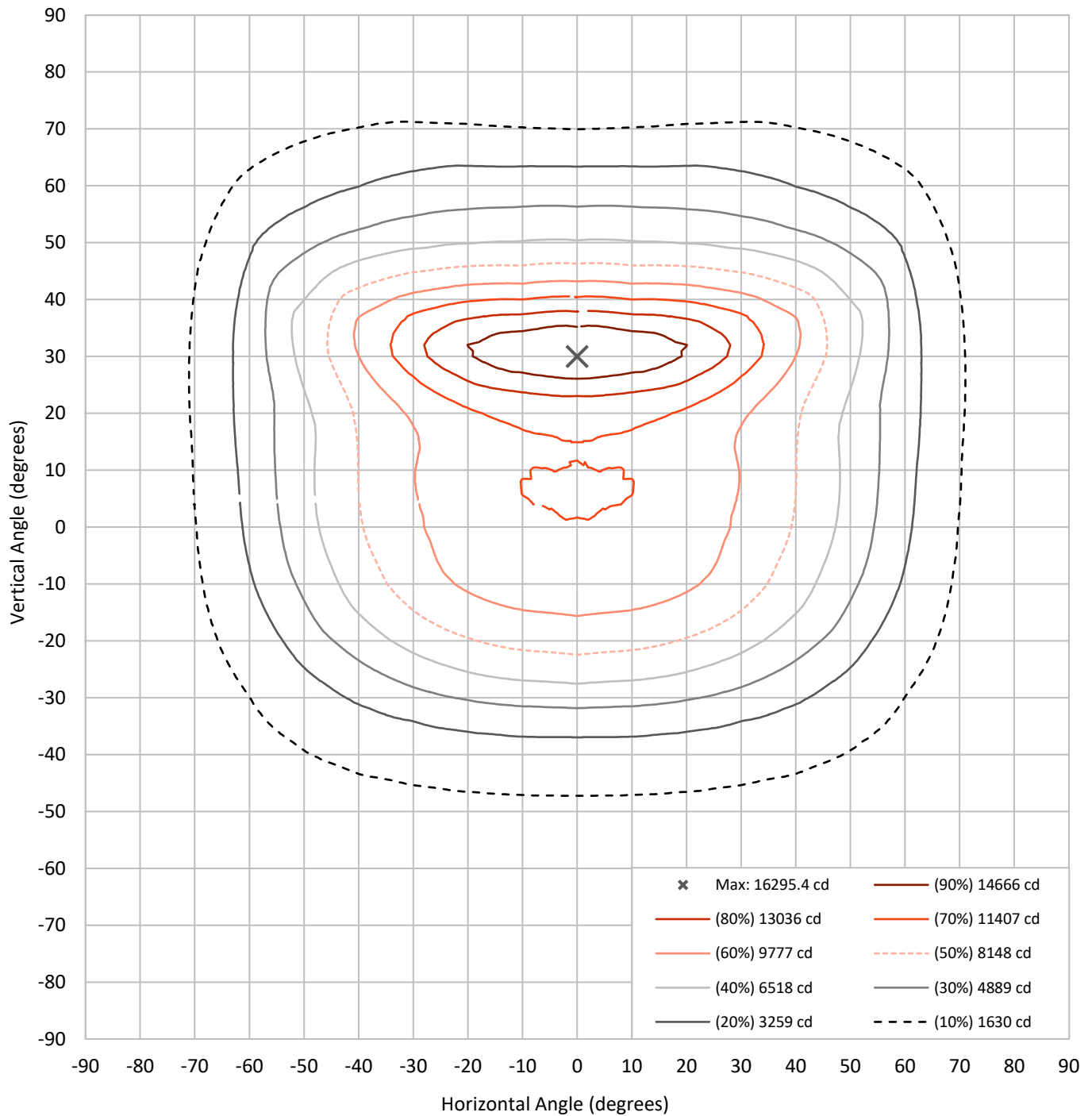
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	27201.1 lumens	Max Intensity:	16295.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	117.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	15817.7 lumens	Field Lumens:	25490.9 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 232.1  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



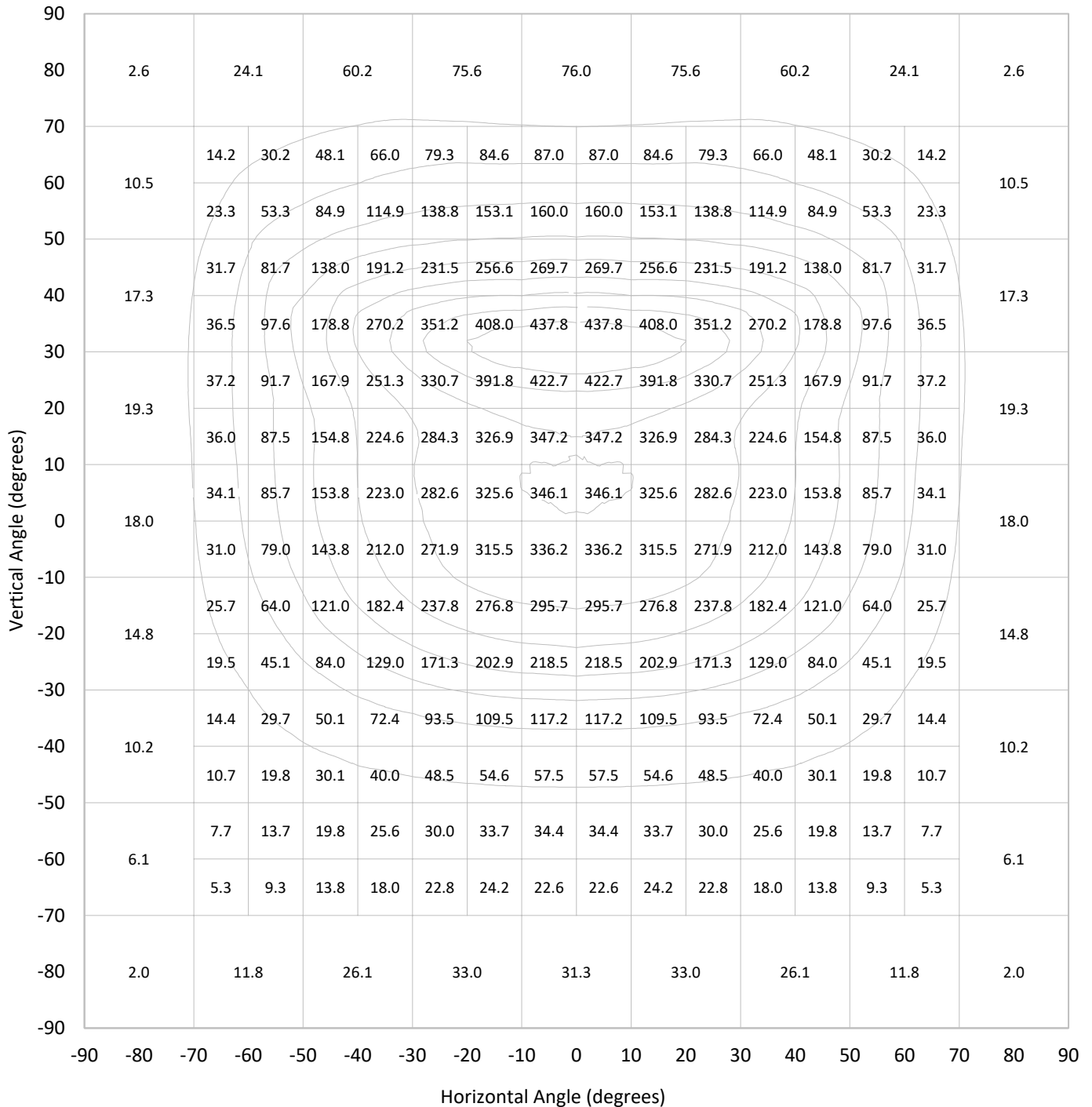
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### Iso-Candela Plot



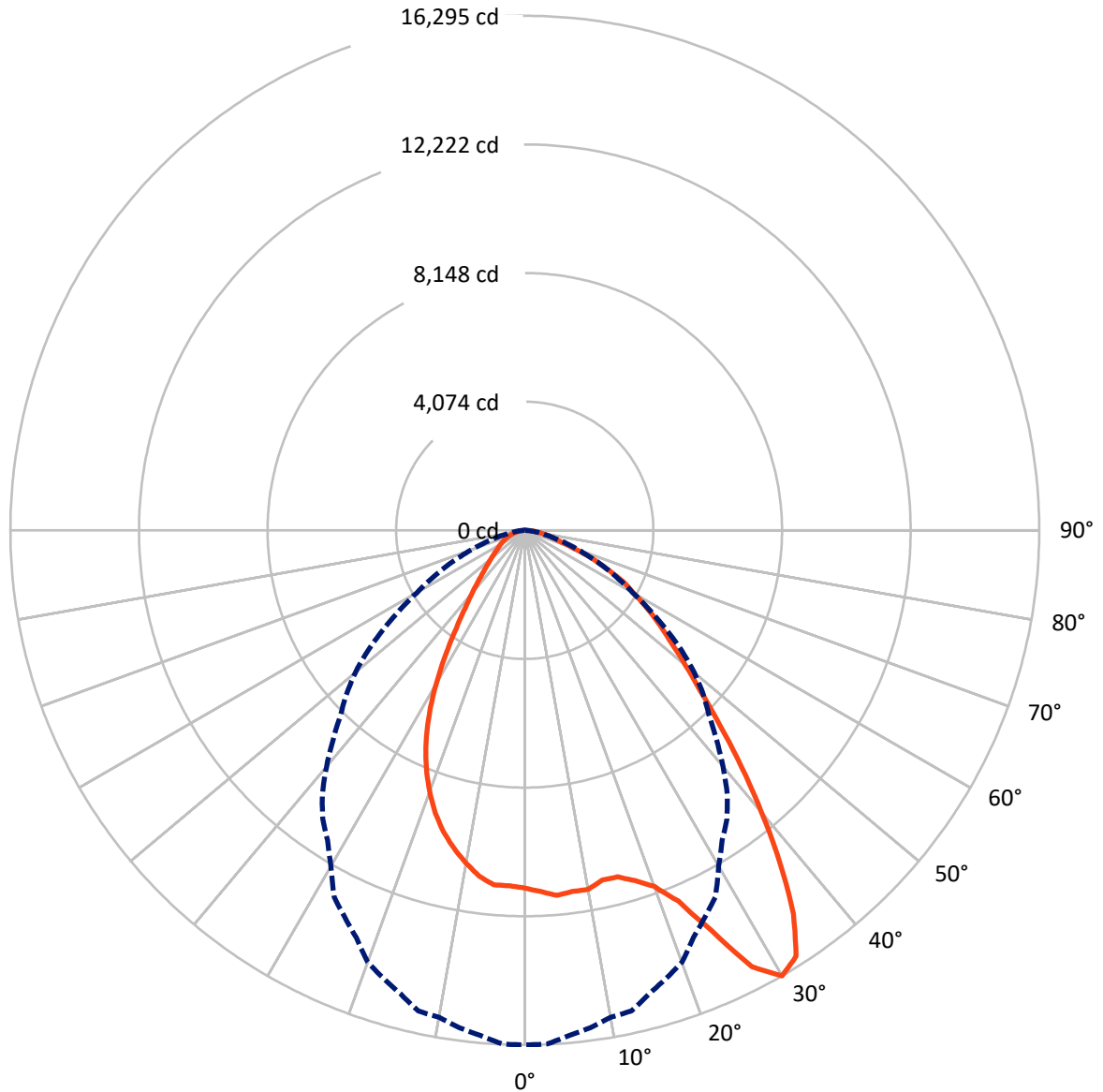
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### Lumen Table



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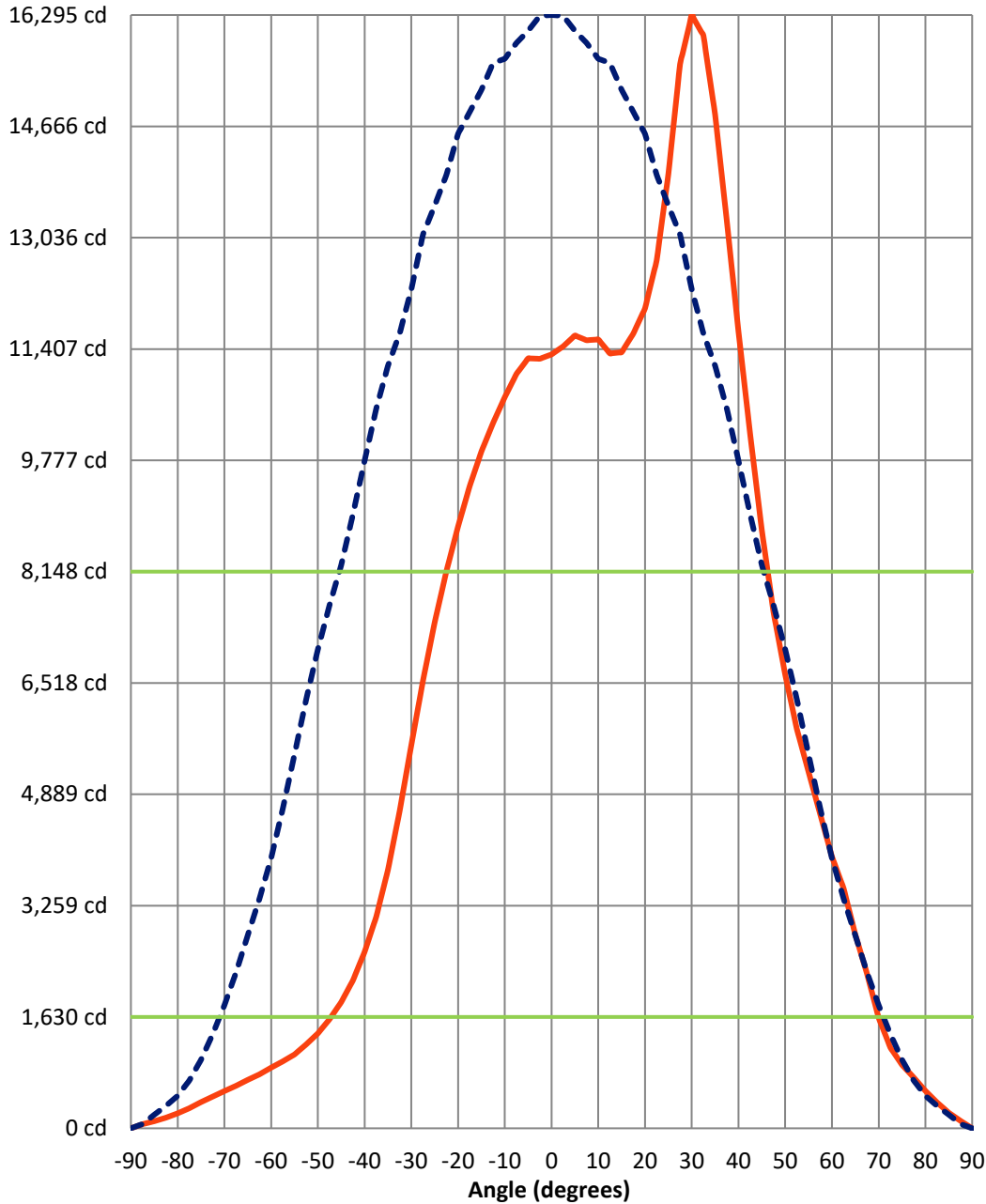
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 30-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 90.8°  
 V Angle: 68.8°  
 Lumens: 15817.7  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 25490.9  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 1710.2  
 Efficiency: 6.3%

— Vertical Distribution through 0-Deg  
 - - - Horizontal Distribution through 30-Deg



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	109.5	112.4	115.3	115.3	112.4	112.4	112.4	109.5	112.4	112.4	112.4
85°	227.6	233.4	239.2	236.3	233.4	227.6	221.9	224.8	227.6	230.5	230.5
82.5°	377.5	386.1	391.9	389.0	383.3	377.5	371.7	374.6	380.4	383.3	383.3
80°	547.5	550.4	553.3	559.0	550.4	550.4	547.5	559.0	564.8	570.6	576.3
77.5°	743.4	746.3	746.3	749.2	752.1	755.0	755.0	775.1	789.6	798.2	806.8
75°	927.9	936.5	945.2	953.8	965.3	971.1	979.7	1008.6	1031.6	1048.9	1066.2
72.5°	1181.5	1193.0	1207.4	1227.6	1247.7	1262.1	1282.3	1316.9	1342.8	1360.1	1380.3
70°	1616.6	1628.1	1642.5	1656.9	1677.1	1691.5	1711.7	1754.9	1780.8	1792.3	1803.9
67.5°	2262.0	2290.9	2316.8	2288.0	2273.6	2253.4	2259.2	2299.5	2325.4	2342.7	2339.8
65°	2835.5	2855.7	2855.7	2852.8	2841.2	2815.3	2829.7	2878.7	2907.5	2921.9	2878.7
62.5°	3509.8	3509.8	3495.4	3518.4	3521.3	3504.0	3495.4	3498.2	3501.1	3509.8	3437.7
60°	3976.6	4005.4	4014.0	4034.2	4040.0	4040.0	4054.4	4065.9	4065.9	4048.6	3965.1
57.5°	4593.2	4648.0	4659.5	4645.1	4616.3	4578.8	4573.1	4555.8	4521.2	4486.6	4446.3
55°	5215.7	5244.5	5241.6	5233.0	5204.1	5160.9	5166.7	5143.6	5088.9	5045.7	4990.9
52.5°	5841.0	5910.1	5921.7	5904.4	5864.0	5817.9	5820.8	5794.9	5740.1	5694.0	5619.1
50°	6639.2	6696.8	6691.0	6662.2	6604.6	6570.0	6572.9	6523.9	6460.5	6446.1	6348.1
47.5°	7552.6	7618.9	7607.4	7567.0	7489.2	7474.8	7489.2	7425.8	7388.4	7356.7	7241.4
45°	8751.4	8829.2	8786.0	8708.2	8584.2	8598.7	8618.8	8607.3	8526.6	8443.0	8296.1
42.5°	10157.6	10206.6	10154.7	10076.9	9921.3	9950.1	9938.6	9869.4	9820.4	9682.1	9494.8
40°	11661.8	11768.4	11687.7	11566.7	11405.3	11448.5	11416.8	11327.5	11212.3	11039.4	10803.1
37.5°	13284.1	13367.7	13275.5	13134.3	12990.2	12975.8	12912.4	12774.1	12609.8	12419.6	12042.1
35°	14837.3	15053.4	14883.4	14658.6	14482.9	14416.6	14356.1	14036.2	13848.9	13540.6	13024.8
32.5°	15992.8	16151.3	15940.9	15707.5	15494.3	15402.1	15188.8	14808.5	14707.6	14059.3	13586.7
30°	16295.4	16283.8	16064.8	15886.2	15655.7	15592.3	15200.4	14877.6	14554.9	13955.5	13506.0
27.5°	15575.0	15502.9	15292.6	15137.0	14909.3	14834.4	14448.3	14275.4	13776.9	13269.7	12889.3
25°	13969.9	14007.4	13848.9	13771.1	13621.3	13459.9	13307.2	13073.8	12762.5	12318.8	11970.1
22.5°	12704.9	12753.9	12687.6	12595.4	12480.2	12390.8	12275.6	12094.0	11794.3	11520.6	11192.1
20°	12001.8	11987.4	11929.8	11860.6	11751.1	11687.7	11560.9	11408.2	11177.7	10941.4	10586.9
17.5°	11633.0	11543.6	11488.9	11463.0	11405.3	11324.6	11174.8	11019.2	10840.5	10572.5	10313.2
15°	11359.2	11373.6	11330.4	11310.2	11264.1	11151.7	10999.0	10872.2	10630.2	10494.7	10258.4
12.5°	11341.9	11327.5	11330.4	11321.8	11264.1	11120.0	11042.2	10880.9	10725.3	10546.6	10275.7
10°	11546.5	11393.8	11405.3	11445.7	11353.5	11238.2	11154.6	10978.8	10831.9	10604.2	10336.3
7.5°	11535.0	11457.2	11480.2	11414.0	11442.8	11301.6	11186.3	11010.5	10826.1	10584.1	10342.0
5°	11604.1	11486.0	11465.8	11471.6	11399.6	11292.9	11137.3	10970.2	10797.3	10526.4	10278.6
2.5°	11445.7	11463.0	11370.7	11336.2	11327.5	11148.9	11004.8	10843.4	10664.8	10425.6	10203.7
0°	11327.5	11359.2	11264.1	11215.1	11212.3	11059.5	10967.3	10782.9	10656.1	10457.3	10189.3
-2.5°	11264.1	11301.6	11313.1	11223.8	11137.3	11019.2	10863.6	10664.8	10457.3	10226.8	9996.2
-5°	11269.9	11195.0	11163.3	11192.1	11117.2	10999.0	10826.1	10650.3	10445.8	10197.9	9909.8
-7.5°	11042.2	10967.3	10961.6	10947.1	10929.9	10817.5	10673.4	10483.2	10275.7	10045.2	9777.2
-10°	10702.2	10647.5	10633.1	10618.6	10572.5	10506.3	10370.8	10197.9	10010.6	9780.1	9494.8
-12.5°	10324.7	10298.8	10244.0	10206.6	10160.5	10082.7	9953.0	9794.5	9607.2	9402.6	9157.7
-15°	9906.9	9857.9	9803.2	9771.5	9705.2	9613.0	9483.3	9336.3	9131.7	8930.0	8699.5
-17.5°	9402.6	9342.1	9281.6	9272.9	9226.8	9085.6	8964.6	8786.0	8607.3	8414.2	8189.5
-20°	8809.0	8725.4	8685.1	8662.0	8598.7	8494.9	8365.2	8201.0	8028.1	7843.7	7584.3



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**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	8152.0	8080.0	8010.8	7967.6	7912.8	7832.2	7708.2	7564.2	7394.2	7186.7	6947.5
-25°	7405.7	7304.8	7261.6	7212.6	7183.8	7108.9	6987.8	6855.3	6679.5	6477.8	6250.2
-27.5°	6552.7	6472.0	6449.0	6379.8	6345.3	6267.5	6166.6	6042.7	5881.3	5691.1	5503.8
-30°	5610.4	5561.5	5524.0	5454.8	5428.9	5345.3	5279.1	5175.3	5028.4	4892.9	4743.1
-32.5°	4642.2	4593.2	4581.7	4550.0	4532.7	4478.0	4403.1	4328.1	4210.0	4109.1	3988.1
-35°	3783.5	3748.9	3751.8	3748.9	3731.7	3691.3	3599.1	3578.9	3492.5	3400.3	3322.5
-37.5°	3097.7	3100.6	3097.7	3094.8	3071.8	3054.5	2988.2	2962.3	2910.4	2821.1	2775.0
-40°	2581.9	2587.7	2584.8	2579.0	2553.1	2544.4	2501.2	2466.6	2446.5	2383.1	2334.1
-42.5°	2164.1	2172.7	2169.8	2167.0	2149.7	2146.8	2123.7	2083.4	2071.9	2034.4	1982.5
-45°	1847.1	1844.2	1838.5	1844.2	1835.6	1826.9	1812.5	1786.6	1772.2	1754.9	1711.7
-47.5°	1596.4	1599.3	1593.5	1593.5	1582.0	1573.3	1567.6	1550.3	1538.8	1524.4	1498.4
-50°	1388.9	1400.5	1397.6	1394.7	1386.0	1380.3	1380.3	1363.0	1345.7	1339.9	1322.6
-52.5°	1227.6	1236.2	1239.1	1244.8	1247.7	1250.6	1242.0	1224.7	1195.9	1193.0	1184.3
-55°	1080.6	1106.5	1123.8	1135.3	1146.9	1155.5	1138.2	1115.2	1086.4	1074.8	1072.0
-57.5°	979.7	1005.7	1025.8	1043.1	1057.5	1072.0	1054.7	1031.6	1005.7	991.3	988.4
-60°	887.5	910.6	930.8	953.8	974.0	997.0	988.4	971.1	956.7	945.2	933.6
-62.5°	789.6	812.6	835.7	864.5	890.4	913.5	916.3	913.5	910.6	913.5	893.3
-65°	708.9	720.4	734.8	766.5	795.3	821.3	835.7	844.3	858.7	873.1	852.9
-67.5°	622.4	636.8	654.1	677.2	700.2	717.5	737.7	760.7	783.8	806.8	792.4
-70°	544.6	556.1	570.6	582.1	596.5	608.0	625.3	651.2	677.2	700.2	694.5
-72.5°	463.9	475.5	484.1	489.9	498.5	504.3	512.9	536.0	553.3	564.8	564.8
-75°	383.3	394.8	403.4	406.3	412.1	414.9	420.7	429.4	438.0	440.9	443.8
-77.5°	293.9	305.4	314.1	319.9	325.6	331.4	334.3	340.0	342.9	342.9	345.8
-80°	219.0	227.6	233.4	242.1	244.9	250.7	256.5	259.3	262.2	262.2	265.1
-82.5°	155.6	161.4	167.1	172.9	178.7	181.5	187.3	190.2	193.1	195.9	198.8
-85°	103.7	109.5	115.3	121.0	123.9	126.8	129.7	132.6	135.4	138.3	141.2
-87.5°	60.5	63.4	66.3	72.0	74.9	80.7	83.6	80.7	83.6	83.6	83.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	112.4	112.4	112.4	112.4	109.5	103.7	100.9	95.1	89.3	83.6	77.8
85°	233.4	236.3	236.3	236.3	230.5	227.6	219.0	210.4	198.8	181.5	167.1
82.5°	389.0	391.9	391.9	389.0	383.3	374.6	363.1	348.7	325.6	302.6	282.4
80°	585.0	587.8	587.8	585.0	570.6	556.1	541.7	524.4	495.6	463.9	429.4
77.5°	818.4	824.1	824.1	815.5	795.3	778.0	755.0	726.2	682.9	636.8	590.7
75°	1089.2	1103.6	1106.5	1097.9	1072.0	1040.3	1002.8	953.8	887.5	829.9	775.1
72.5°	1403.3	1417.7	1429.3	1417.7	1380.3	1337.1	1282.3	1224.7	1158.4	1080.6	988.4
70°	1815.4	1829.8	1838.5	1801.0	1734.7	1662.7	1596.4	1530.1	1452.3	1357.2	1256.4
67.5°	2334.1	2319.7	2302.4	2227.5	2143.9	2057.5	1965.2	1867.3	1766.4	1665.6	1547.4
65°	2832.6	2792.3	2754.8	2665.5	2558.8	2446.5	2339.8	2230.3	2109.3	1982.5	1870.1
62.5°	3357.0	3270.6	3178.4	3068.9	2959.4	2835.5	2728.9	2599.2	2463.8	2308.2	2164.1
60°	3872.9	3769.1	3676.9	3541.5	3397.4	3230.3	3115.0	2988.2	2829.7	2662.6	2492.6
57.5°	4371.4	4259.0	4158.1	4040.0	3884.4	3702.8	3576.0	3411.8	3244.7	3034.3	2861.4
55°	4901.6	4789.2	4708.5	4576.0	4405.9	4238.8	4100.5	3927.6	3694.2	3469.4	3256.2
52.5°	5509.6	5420.3	5333.8	5198.4	4993.8	4823.8	4671.1	4478.0	4233.1	3956.4	3700.0
50°	6189.6	6143.5	6051.3	5892.8	5659.4	5509.6	5307.9	5051.4	4789.2	4498.2	4178.3
47.5°	7091.6	7016.7	6887.0	6714.1	6518.1	6293.4	6022.5	5722.8	5351.1	5028.4	4688.3
45°	8169.3	8031.0	7863.8	7630.4	7388.4	7134.8	6838.0	6457.6	5959.1	5538.4	5181.1
42.5°	9336.3	9149.0	8921.4	8615.9	8301.9	7990.6	7670.8	7152.1	6529.7	6045.6	5642.1
40°	10555.3	10316.1	10030.8	9587.0	9238.4	8837.8	8471.9	7696.7	7034.0	6509.5	6080.1
37.5°	11748.2	11445.7	10967.3	10428.5	10022.2	9693.7	8889.7	8059.8	7466.2	6889.9	6454.8
35°	12661.7	12405.2	11560.9	11001.9	10653.2	10134.5	9128.9	8278.8	7650.6	7172.3	6495.1
32.5°	13203.4	12540.7	11800.1	11235.3	10947.1	10097.1	9146.2	8342.2	7737.1	7201.1	6391.4
30°	13082.4	12281.3	11633.0	11160.4	10535.1	9771.5	8984.8	8244.2	7656.4	7008.0	6276.1
27.5°	12353.4	11733.8	11154.6	10661.9	10048.1	9362.3	8636.1	7984.9	7437.4	6809.2	6117.6
25°	11529.2	10967.3	10538.0	10108.6	9526.5	8872.4	8232.7	7763.0	7212.6	6593.1	5910.1
22.5°	10771.4	10367.9	10030.8	9581.3	9013.6	8443.0	8045.4	7558.4	6993.6	6365.4	5696.9
20°	10287.3	10013.5	9627.4	9131.7	8685.1	8327.8	7886.9	7371.1	6789.0	6132.0	5515.4
17.5°	10053.9	9736.9	9307.5	8984.8	8641.9	8250.0	7757.2	7209.7	6590.2	6025.4	5535.5
15°	9932.8	9598.6	9316.2	8999.2	8613.1	8201.0	7653.5	7085.8	6590.2	6068.6	5549.9
12.5°	9958.8	9670.6	9362.3	9016.5	8601.5	8160.7	7665.0	7137.7	6624.8	6100.3	5552.8
10°	10039.4	9736.9	9408.4	9025.1	8607.3	8172.2	7696.7	7169.4	6642.1	6114.7	5547.1
7.5°	10068.3	9739.8	9388.2	9002.1	8592.9	8166.4	7702.5	7178.0	6644.9	6111.8	5529.8
5°	9978.9	9682.1	9342.1	8953.1	8552.5	8137.6	7679.4	7166.5	6621.9	6083.0	5486.5
2.5°	9857.9	9618.7	9293.1	8918.5	8512.2	8097.3	7642.0	7114.6	6570.0	6031.2	5431.8
0°	9837.7	9540.9	9212.4	8878.2	8445.9	8007.9	7555.5	7016.7	6474.9	5933.2	5336.7
-2.5°	9705.2	9391.1	9062.6	8699.5	8319.1	7878.3	7402.8	6875.5	6339.5	5806.4	5233.0
-5°	9604.3	9255.7	8907.0	8515.1	8131.8	7691.0	7198.2	6685.3	6160.8	5642.1	5088.9
-7.5°	9468.9	9111.6	8745.6	8336.4	7921.5	7472.0	6985.0	6472.0	5956.2	5440.4	4910.2
-10°	9195.1	8881.0	8538.1	8114.5	7676.5	7227.0	6742.9	6238.6	5722.8	5201.3	4668.2
-12.5°	8863.8	8532.4	8157.8	7768.8	7376.9	6959.0	6474.9	5979.3	5460.6	4936.2	4405.9
-15°	8434.4	8108.8	7725.5	7345.2	6967.7	6567.1	6140.7	5694.0	5166.7	4650.9	4120.7
-17.5°	7898.4	7593.0	7250.1	6887.0	6512.4	6109.0	5694.0	5316.5	4823.8	4339.7	3815.2
-20°	7322.1	7036.8	6728.5	6385.6	6011.0	5616.2	5224.3	4829.5	4403.1	3976.6	3489.6



REPORT NUMBER: P722055  
 CATALOG NUMBER: IFLD-S-SA3E-735-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	6722.7	6434.6	6123.4	5803.5	5457.7	5091.8	4728.7	4351.2	3976.6	3590.5	3178.4
-25°	6031.2	5777.6	5492.3	5181.1	4872.8	4552.9	4207.1	3864.2	3544.4	3210.1	2872.9
-27.5°	5307.9	5074.5	4815.1	4544.3	4279.2	4011.2	3711.5	3394.5	3129.4	2852.8	2573.3
-30°	4547.1	4359.8	4149.5	3913.2	3708.6	3492.5	3241.8	2979.6	2737.5	2527.2	2302.4
-32.5°	3826.7	3668.3	3518.4	3362.8	3161.1	2994.0	2821.1	2628.0	2414.8	2215.9	2054.6
-35°	3207.2	3037.2	2973.8	2858.5	2714.5	2567.5	2440.7	2302.4	2141.0	1965.2	1832.7
-37.5°	2685.6	2584.8	2495.5	2432.1	2337.0	2218.8	2118.0	2017.1	1893.2	1760.6	1628.1
-40°	2279.3	2210.2	2112.2	2080.5	2020.0	1939.3	1835.6	1757.8	1674.2	1573.3	1461.0
-42.5°	1953.7	1901.8	1838.5	1783.7	1757.8	1700.1	1619.5	1544.5	1478.3	1409.1	1322.6
-45°	1685.7	1651.1	1610.8	1561.8	1541.6	1495.5	1437.9	1354.3	1316.9	1259.3	1195.9
-47.5°	1469.6	1452.3	1423.5	1391.8	1363.0	1328.4	1276.5	1224.7	1172.8	1135.3	1086.4
-50°	1299.6	1288.1	1270.8	1244.8	1207.4	1184.3	1149.8	1103.6	1054.7	1023.0	988.4
-52.5°	1164.2	1152.6	1141.1	1120.9	1092.1	1069.1	1040.3	1002.8	962.4	930.8	901.9
-55°	1060.4	1043.1	1034.5	1017.2	994.1	968.2	942.3	916.3	881.8	852.9	824.1
-57.5°	979.7	956.7	945.2	930.8	907.7	881.8	861.6	835.7	812.6	780.9	755.0
-60°	916.3	890.4	867.4	852.9	832.8	806.8	786.7	766.5	743.4	717.5	685.8
-62.5°	864.5	832.8	801.1	783.8	763.6	740.6	720.4	700.2	677.2	651.2	622.4
-65°	815.5	778.0	737.7	720.4	700.2	677.2	651.2	636.8	616.7	593.6	564.8
-67.5°	755.0	714.6	680.1	659.9	639.7	619.5	596.5	582.1	561.9	533.1	504.3
-70°	665.6	639.7	616.7	599.4	582.1	564.8	541.7	518.7	495.6	469.7	443.8
-72.5°	553.3	544.6	541.7	533.1	512.9	492.8	469.7	446.6	426.5	406.3	386.1
-75°	446.6	452.4	458.2	455.3	435.1	414.9	394.8	374.6	360.2	342.9	325.6
-77.5°	354.4	360.2	366.0	366.0	351.6	340.0	325.6	311.2	299.7	285.3	268.0
-80°	273.8	282.4	291.0	296.8	285.3	276.6	265.1	253.6	242.1	230.5	219.0
-82.5°	207.5	216.1	224.8	230.5	221.9	216.1	207.5	198.8	190.2	178.7	170.0
-85°	149.8	155.6	161.4	164.3	158.5	152.7	147.0	141.2	135.4	126.8	121.0
-87.5°	86.4	89.3	92.2	95.1	89.3	83.6	80.7	74.9	72.0	66.3	63.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: IFLD-S-SA3E-735-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	72.0	66.3	60.5	57.6	51.9	43.2	37.5	31.7	25.9	20.2	17.3
85°	152.7	138.3	121.0	112.4	100.9	89.3	77.8	66.3	54.8	43.2	31.7
82.5°	262.2	244.9	227.6	207.5	181.5	149.8	118.1	98.0	80.7	63.4	49.0
80°	394.8	363.1	334.3	308.3	279.5	239.2	195.9	155.6	109.5	83.6	63.4
77.5°	547.5	510.0	469.7	426.5	380.4	325.6	276.6	224.8	170.0	115.3	80.7
75°	720.4	671.4	616.7	556.1	495.6	423.6	354.4	293.9	230.5	161.4	98.0
72.5°	913.5	852.9	786.7	706.0	610.9	527.3	443.8	363.1	288.2	204.6	132.6
70°	1161.3	1066.2	968.2	881.8	760.7	628.2	530.2	438.0	342.9	250.7	167.1
67.5°	1426.4	1311.1	1193.0	1066.2	913.5	757.9	616.7	512.9	400.5	293.9	198.8
65°	1714.5	1570.5	1420.6	1279.4	1069.1	884.6	726.2	585.0	455.3	334.3	230.5
62.5°	2011.3	1841.3	1668.4	1484.0	1242.0	1014.3	829.9	665.6	507.2	371.7	259.3
60°	2328.3	2129.5	1919.1	1688.6	1406.2	1155.5	927.9	749.2	561.9	409.2	291.0
57.5°	2662.6	2446.5	2198.7	1887.4	1576.2	1291.0	1040.3	824.1	610.9	443.8	314.1
55°	3025.7	2777.8	2507.0	2094.9	1743.4	1426.4	1152.6	899.1	662.8	472.6	337.1
52.5°	3417.6	3129.4	2786.5	2313.9	1919.1	1564.7	1256.4	965.3	711.8	504.3	357.3
50°	3855.6	3492.5	3031.4	2515.6	2071.9	1694.4	1360.1	1037.4	752.1	538.9	374.6
47.5°	4310.9	3919.0	3250.4	2702.9	2227.5	1821.2	1466.7	1100.8	792.4	567.7	391.9
45°	4786.3	4215.8	3478.1	2870.1	2362.9	1936.4	1547.4	1158.4	841.4	593.6	406.3
42.5°	5256.0	4440.5	3676.9	3037.2	2489.7	2040.2	1613.7	1213.1	881.8	619.5	420.7
40°	5477.9	4610.5	3835.4	3152.5	2596.3	2132.4	1671.3	1262.1	916.3	636.8	435.1
37.5°	5570.1	4714.3	3939.1	3262.0	2679.9	2181.4	1720.3	1305.4	945.2	654.1	446.6
35°	5590.3	4751.7	3991.0	3336.9	2749.0	2227.5	1757.8	1337.1	968.2	671.4	458.2
32.5°	5552.8	4740.2	4005.4	3362.8	2792.3	2262.0	1783.7	1360.1	985.5	688.7	469.7
30°	5469.3	4679.7	3953.5	3359.9	2824.0	2282.2	1801.0	1377.4	1002.8	700.2	475.5
27.5°	5333.8	4573.1	3887.3	3362.8	2841.2	2290.9	1809.6	1386.0	1014.3	708.9	487.0
25°	5166.7	4429.0	3890.1	3357.0	2844.1	2293.7	1809.6	1386.0	1017.2	711.8	495.6
22.5°	4973.6	4429.0	3890.1	3348.4	2826.8	2288.0	1801.0	1380.3	1017.2	717.5	504.3
20°	4985.1	4431.9	3881.5	3331.1	2800.9	2270.7	1780.8	1365.9	1008.6	726.2	510.0
17.5°	4993.8	4426.1	3864.2	3308.1	2766.3	2241.9	1754.9	1345.7	1008.6	734.8	512.9
15°	4993.8	4408.8	3838.3	3273.5	2723.1	2201.5	1717.4	1328.4	1011.4	737.7	518.7
12.5°	4985.1	4377.1	3797.9	3227.4	2671.2	2152.5	1694.4	1322.6	1011.4	740.6	518.7
10°	4967.9	4333.9	3746.1	3169.7	2622.2	2135.3	1682.8	1311.1	1005.7	740.6	518.7
7.5°	4936.2	4282.0	3702.8	3135.2	2593.4	2115.1	1665.6	1293.8	997.0	734.8	524.4
5°	4887.2	4253.2	3668.3	3094.8	2553.1	2100.7	1654.0	1279.4	991.3	734.8	518.7
2.5°	4823.8	4218.6	3627.9	3043.0	2507.0	2051.7	1616.6	1247.7	971.1	723.3	512.9
0°	4720.0	4149.5	3558.8	2970.9	2443.6	2002.7	1579.1	1216.0	950.9	711.8	507.2
-2.5°	4624.9	4057.3	3469.4	2896.0	2383.1	1959.5	1550.3	1198.7	942.3	708.9	504.3
-5°	4492.4	3930.5	3351.3	2798.0	2302.4	1916.3	1521.5	1178.6	933.6	703.1	504.3
-7.5°	4345.4	3797.9	3227.4	2697.2	2221.7	1841.3	1466.7	1146.9	913.5	691.6	501.4
-10°	4117.8	3599.1	3071.8	2581.9	2135.3	1775.1	1420.6	1118.1	896.2	680.1	489.9
-12.5°	3875.7	3380.1	2893.1	2440.7	2037.3	1705.9	1368.8	1086.4	876.0	668.5	484.1
-15°	3619.3	3155.3	2705.8	2293.7	1930.7	1622.3	1314.0	1051.8	855.8	654.1	475.5
-17.5°	3351.3	2919.0	2512.7	2143.9	1824.0	1535.9	1256.4	1020.1	832.8	639.7	466.8
-20°	3068.9	2677.0	2316.8	1991.2	1711.7	1449.4	1195.9	982.6	806.8	622.4	455.3



REPORT NUMBER: P722055  
 CATALOG NUMBER: IFLD-S-SA3E-735-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2789.4	2437.8	2115.1	1841.3	1596.4	1360.1	1135.3	945.2	778.0	602.3	446.6
-25°	2541.6	2213.1	1936.4	1697.3	1484.0	1273.7	1072.0	907.7	746.3	582.1	435.1
-27.5°	2299.5	2020.0	1760.6	1561.8	1374.5	1190.1	1011.4	867.4	714.6	559.0	423.6
-30°	2074.7	1835.6	1622.3	1429.3	1270.8	1115.2	959.6	827.0	680.1	536.0	409.2
-32.5°	1870.1	1677.1	1498.4	1314.0	1172.8	1040.3	910.6	786.7	645.5	512.9	394.8
-35°	1680.0	1530.1	1374.5	1218.9	1074.8	971.1	858.7	743.4	613.8	487.0	380.4
-37.5°	1510.0	1388.9	1265.0	1132.5	1008.6	904.8	809.7	700.2	582.1	463.9	366.0
-40°	1363.0	1265.0	1155.5	1048.9	945.2	847.2	760.7	657.0	550.4	446.6	351.6
-42.5°	1227.6	1152.6	1063.3	974.0	881.8	795.3	711.8	610.9	518.7	426.5	337.1
-45°	1123.8	1048.9	976.9	896.2	818.4	743.4	659.9	570.6	489.9	403.4	322.7
-47.5°	1025.8	959.6	893.3	827.0	763.6	694.5	610.9	536.0	458.2	383.3	311.2
-50°	939.4	876.0	818.4	760.7	706.0	639.7	561.9	501.4	432.2	363.1	296.8
-52.5°	858.7	804.0	746.3	700.2	654.1	587.8	524.4	466.8	406.3	340.0	282.4
-55°	786.7	734.8	682.9	639.7	596.5	538.9	487.0	438.0	380.4	322.7	268.0
-57.5°	717.5	674.3	625.3	585.0	541.7	495.6	452.4	406.3	354.4	305.4	253.6
-60°	654.1	613.8	570.6	530.2	492.8	455.3	414.9	377.5	331.4	285.3	239.2
-62.5°	590.7	556.1	518.7	478.3	449.5	414.9	383.3	345.8	308.3	268.0	213.2
-65°	533.1	501.4	466.8	432.2	406.3	380.4	351.6	317.0	285.3	247.8	190.2
-67.5°	475.5	446.6	417.8	389.0	366.0	345.8	317.0	291.0	265.1	224.8	167.1
-70°	420.7	397.7	371.7	348.7	331.4	308.3	288.2	265.1	242.1	195.9	141.2
-72.5°	368.8	345.8	325.6	308.3	293.9	273.8	256.5	239.2	207.5	164.3	118.1
-75°	308.3	293.9	282.4	268.0	253.6	239.2	224.8	204.6	172.9	132.6	92.2
-77.5°	253.6	244.9	236.3	224.8	213.2	201.7	184.4	164.3	138.3	103.7	74.9
-80°	207.5	198.8	193.1	181.5	172.9	161.4	144.1	126.8	100.9	80.7	60.5
-82.5°	158.5	152.7	147.0	141.2	132.6	121.0	103.7	89.3	74.9	60.5	46.1
-85°	112.4	109.5	103.7	98.0	89.3	80.7	69.2	60.5	51.9	40.3	31.7
-87.5°	57.6	54.8	51.9	49.0	46.1	40.3	34.6	28.8	25.9	20.2	14.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P722055  
 CATALOG NUMBER: IFLD-S-SA3E-735-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	11.5	8.6	2.9	0.0
85°	23.1	14.4	5.8	0.0
82.5°	34.6	23.1	8.6	0.0
80°	46.1	28.8	14.4	0.0
77.5°	57.6	34.6	17.3	0.0
75°	69.2	43.2	20.2	0.0
72.5°	77.8	49.0	23.1	0.0
70°	92.2	57.6	25.9	0.0
67.5°	115.3	63.4	28.8	0.0
65°	135.4	69.2	31.7	0.0
62.5°	158.5	74.9	34.6	0.0
60°	178.7	80.7	37.5	0.0
57.5°	198.8	95.1	40.3	0.0
55°	216.1	106.6	43.2	0.0
52.5°	236.3	118.1	46.1	0.0
50°	253.6	129.7	49.0	0.0
47.5°	268.0	141.2	49.0	0.0
45°	279.5	149.8	51.9	0.0
42.5°	288.2	158.5	54.8	0.0
40°	296.8	167.1	57.6	0.0
37.5°	305.4	175.8	57.6	0.0
35°	314.1	184.4	60.5	0.0
32.5°	322.7	193.1	60.5	0.0
30°	328.5	198.8	63.4	0.0
27.5°	337.1	204.6	63.4	0.0
25°	340.0	210.4	66.3	0.0
22.5°	345.8	213.2	66.3	0.0
20°	351.6	219.0	66.3	0.0
17.5°	354.4	221.9	69.2	0.0
15°	354.4	224.8	72.0	0.0
12.5°	357.3	227.6	72.0	0.0
10°	357.3	233.4	69.2	0.0
7.5°	363.1	230.5	69.2	0.0
5°	360.2	230.5	69.2	0.0
2.5°	357.3	227.6	69.2	0.0
0°	354.4	227.6	69.2	0.0
-2.5°	354.4	227.6	69.2	0.0
-5°	354.4	227.6	69.2	0.0
-7.5°	351.6	230.5	69.2	0.0
-10°	345.8	230.5	69.2	0.0
-12.5°	342.9	221.9	69.2	0.0
-15°	340.0	219.0	69.2	0.0
-17.5°	334.3	216.1	66.3	0.0
-20°	328.5	213.2	66.3	0.0



REPORT NUMBER: P722055  
 CATALOG NUMBER: IFLD-S-SA3E-735-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	322.7	207.5	66.3	0.0
-25°	317.0	201.7	63.4	0.0
-27.5°	311.2	195.9	63.4	0.0
-30°	302.6	190.2	60.5	0.0
-32.5°	293.9	184.4	60.5	0.0
-35°	288.2	175.8	57.6	0.0
-37.5°	279.5	167.1	57.6	0.0
-40°	270.9	158.5	54.8	0.0
-42.5°	262.2	149.8	51.9	0.0
-45°	250.7	141.2	51.9	0.0
-47.5°	242.1	132.6	49.0	0.0
-50°	227.6	121.0	46.1	0.0
-52.5°	210.4	109.5	43.2	0.0
-55°	193.1	100.9	40.3	0.0
-57.5°	175.8	89.3	40.3	0.0
-60°	158.5	77.8	37.5	0.0
-62.5°	141.2	72.0	34.6	0.0
-65°	123.9	66.3	31.7	0.0
-67.5°	103.7	57.6	28.8	0.0
-70°	86.4	51.9	25.9	0.0
-72.5°	74.9	46.1	23.1	0.0
-75°	63.4	40.3	20.2	0.0
-77.5°	54.8	34.6	17.3	0.0
-80°	43.2	25.9	11.5	0.0
-82.5°	31.7	20.2	8.6	0.0
-85°	20.2	14.4	5.8	0.0
-87.5°	11.5	5.8	2.9	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)